

TOP SECRET

IMAGERY  
ANALYSIS  
DIVISION

PIR

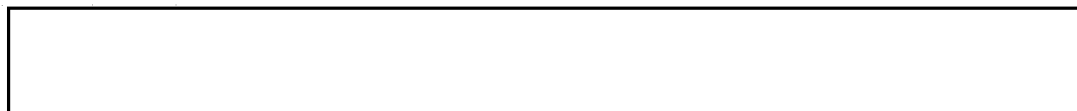
PHOTOGRAPHIC INTELLIGENCE REPORT

GORKIY SHIPYARD 112

GORKIY, USSR



VITAL RECORDS COPY



25X1

Declass Review by NIMA/DOD

25X1

CIA/PIR 77036

DATE AUGUST 1966

COPY 39

PAGES 11

GROUP 1  
Excluded from automatic  
downgrading and declassification

TOP SECRET

25X1

Approved For Release 2003/05/14 : CIA-RDP78T05161A001400010015-8

Approved For Release 2003/05/14 : CIA-RDP78T05161A001400010015-8

| RECORD<br>COPY | COPY NO. | PUB. DATE | LOCATION | MASTER | DATE RECEIVED | LOCATION |
|----------------|----------|-----------|----------|--------|---------------|----------|
|----------------|----------|-----------|----------|--------|---------------|----------|

Approved For Release 2003/05/14 : CIA-RDP78T05161A001400010015-8

|               |      |               |      |                  |   |    |
|---------------|------|---------------|------|------------------|---|----|
| CUT TO COPIES | DATE | CUT TO COPIES | DATE | LEVEL            | 1 | 10 |
| 0             | 1 72 |               |      | COPIES DESTROYED |   |    |

|        |   |        |        |      |  |
|--------|---|--------|--------|------|--|
| COPIES | 0 | 1 - 73 | COPIES |      |  |
| CUT TO |   | DATE   | CUT TO | DATE |  |

| COPIES |      | COPIES  |      |
|--------|------|---------|------|
| CUT TO | DATE | MASTERS | DATE |
|        |      |         |      |

[illegible]

|       |          |  |           |
|-------|----------|--|-----------|
| TITLE | NPIC     | Approved For Release 2003/05/14 : CIA-RDP78T05161A001400010015-8 |           |
| X1    | PIR77036 | AUG. 1966  | 24939 25X |

TOP SECRET

CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

25X1

GORKIY SHIPYARD 112

GORKIY, USSR

25X1

- 1 -

TOP SECRET

25X1

CIA IMAGERY ANALYSIS DIVISION

SHIPYARD : GORKIY SHIPYARD 112  
LOCATION : GORKIY, USSR  
GEO COORDS: 56-22N 043-53E

KEY TO VESSEL ANNOTATIONS ON FIGURE 1

1. Square floating platform.
2. Unoccupied transporter dock (LOA approx 450').  
See annotation 22, Figure 1,
3. Possible PT (LOA approx 85').  
The hull outline of this craft closely resembles that of the "P-6" Class PT; however, the deck appears to be stripped except for a probable cockpit positioned just forward of amidship. A small unidentified object is visible abaft the cockpit, and two small circular objects are visible, one on either side of the stern. Unidentified imagery is visible in the water butting against the stern.
4. Probable BUREVESTNIK type hydrofoil (LOA approx 140').  
Identification is based on the vertical fin mounted on the pointed stern, observation dome just forward of amidship, hull outline, and overall length. This is probably the same craft seen at annotation 20, Figure 1,  resting on the large float at annotation 5 below.
5. Large floating platform previously occupied by a possible hydrofoil.  
Heavy rectangular posts at each corner suggest this may be an oil drilling platform.
6. Possible VANYA Class MSI (LOA approx 130').  
Identification is based on the gunmount positioned just forward of the unique "box-like" superstructure, stepped-down stern, overall hull outline, and approximate length.
7. Unidentified vessel (LOA approx 135').
8. Unoccupied transporter dock (LOA approx 435').  
See annotation 17,
9. Unoccupied transporter dock (LOA approx 460').  
See annotation 17,

TOP SECRET

CIA/PIR-77036

## CIA IMAGERY ANALYSIS DIVISION

10. Floating crane.  
The jib of this crane is positioned over the transporter dock at annotation 11 below.
11. Unoccupied transporter dock (LOA approx 435').  
Each of the three large transporter docks observed in the water on this coverage had cut-down side walls near the mouth of the dock.
12. Unidentified possible YR (LOA approx 205').  
This vessel has a stepped-down bow, and an approximate 55' long welldeck amidship.
13. SOVETSKI AZERBAIJAN type Train Ferry (LOA approx 440').  
See annotation 16, Figure 1, [ ]
14. Probable SORMOVICH type hovercraft (LOA approx 90'), resting on a barge.  
The small raised object noted on [ ] could not be discerned on this very good quality coverage, possibly indicating that it was a temporary structure. See annotation 15, Figure 1, [ ]
15. Probable barge (LOA approx 235').
16. ZEYA Class YRSN (LOA approx 235').  
The unique small superstructure forward, long depressed area amidship, raised area aft and overall length all equate to recognition characteristics associated with the ZEYA Class YRSN. See annotation 13, [ ]
17. Unidentified vessel (LOA approx 180').  
This vessel has a short raised bow, long depressed area extending to amidship, and a superstructure extending from the depressed area approximately 40 feet aft.
18. Probable YR/APL (LOA approx 315').  
This vessel has a long rectangular superstructure extending aft approximately 260' from the 45' stepped-down fore deck. Two lifeboats are positioned athwartships just aft of amidship. An apparently identical vessel was observed at Admiralty Shipyard 194, Leningrad, USSR on [ ] (annotation 2, CIA/PIR-77012) moored alongside a vessel identical to the probable YR/APL at annotation 8, Figure 2, of this report. For last observation of this vessel (annotation 18) see annotation 12, Figure 1, [ ]

TOP SECRET

5X1

TOP SECRET

25X

CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

KEY TO FACILITY ANNOTATION ON FIGURE 1

- A. Probable two-bay shop-type building under construction. Overall dimensions approx 480 feet by 155 feet. The roof appears nearly complete, except for a small section in the northeast corner of the building which is not yet in place. See annotation A, Figure 1,

25X

- 4 -

TOP SECRET

25X

TOP SECRET

03/05/44 SHIPYARD 112  
GORKIY, USSR  
56-22N 043-53E

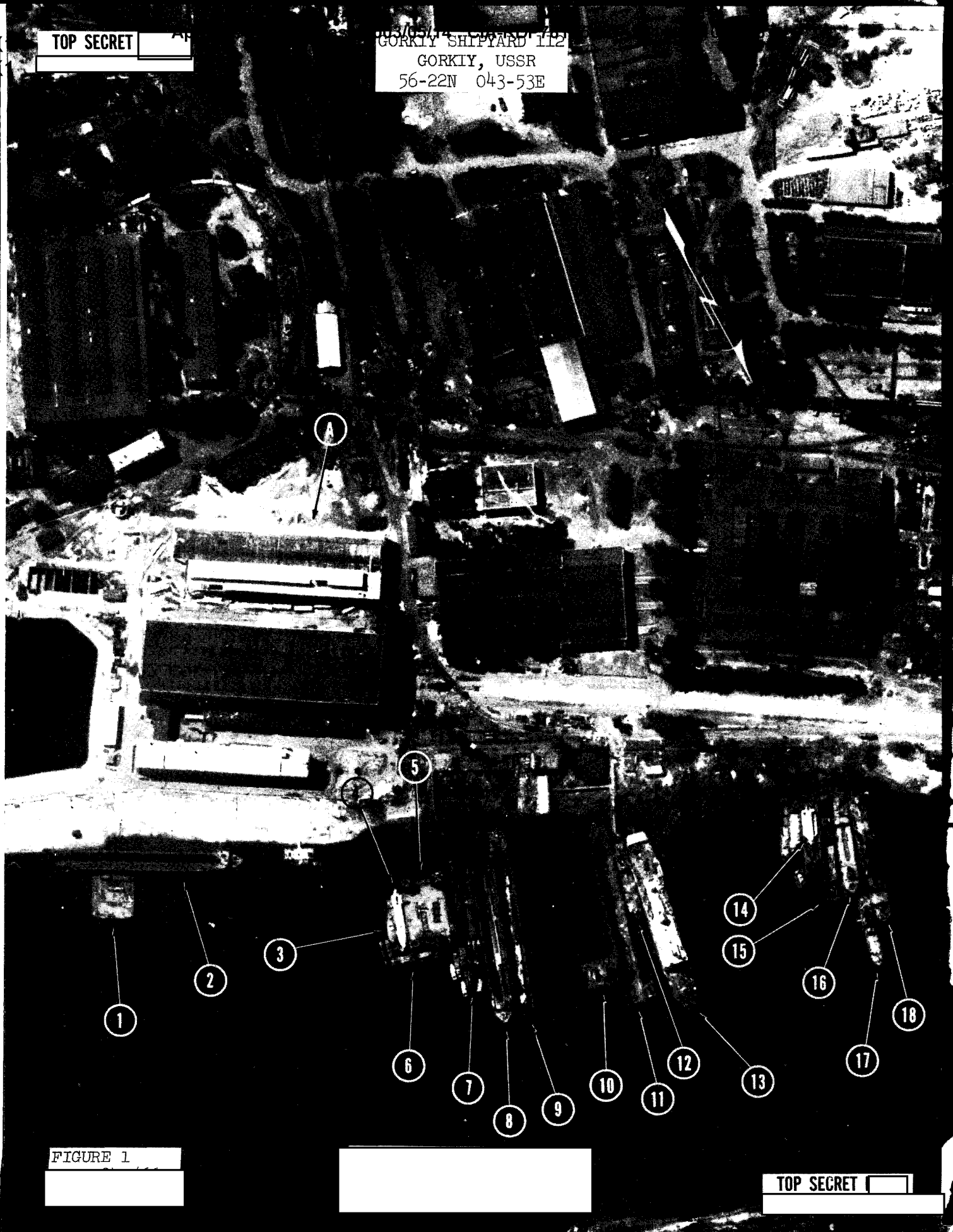


FIGURE 1

TOP SECRET

TOP SECRET

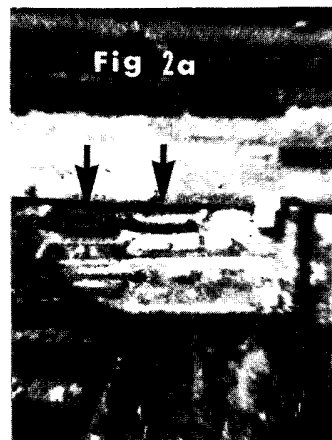
CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

SHIPYARD : GORKIY SHIPYARD 112  
LOCATION : GORKIY, USSR  
GEO COORDS: 56-22N 043-53E

## KEY TO NUMBERED ANNOTATIONS ON FIGURE 2

1. Probable service barge (visible LOA approx 180').  
One end of this barge is obscured by the vessel at annotation 8. This barge is very similar in appearance to service barges at annotations 6 and 9.
2. Large (mobile) probable tower jib crane on fitting-out quay.
3. Two possible "J" Class SSG sails on quay (visible length of each approximately 60'). See inset below.  
The light toned possible sail closest to the large transverser appears to have a rounded leading edge and gradually tapers back to a thin pointed trailing edge. The other possible sail is dark toned and appears to be completely surrounded by scaffolding. This sail also has a rounded leading edge and gradually tapers back to a thin pointed trailing edge. At least three small light toned objects or openings are visible along the centerline of the sail. The shadows cast by these sails are roughly the same length as the shadow cast by the bow of the "J" Class SSG positioned furthest from the launching basin at annotation 12 below, indicating that the sails are roughly 12 feet high. Two objects were observed in approximately the same position on [redacted] These objects are dark toned and appear to have roughly the same shape as those observed on this mission. [redacted] is of poorer quality and is monoscopic in this area of the yard.
4. Large probable fitting-out float (overall dimensions approximately 185' x 40').  
A 20 foot by 35 foot shed-like structure is positioned on the approximate center of the float.



TOP SECRET

**TOP SECRET**

CIA/PIR-77036

## CIA IMAGERY ANALYSIS DIVISION

5. Unidentified vessel (LOA approx 395'). Presence of faint imagery similar to tracks suggest that this may be a new class of railroad ferry. This vessel has a stepped-down bow and stern. See annotation 11, Figure 1, [ ]
6. Probable service barge (LOA approx 190'). This rectangular barge closely resembles probable DECON/RADCON barges seen at Yagry Island Nuclear Submarine Special Support Facility, Severodvinsk, USSR, [ ] (annotations 3 and 5, Figure 8, CIA/PIR-67041). The topside configuration appears very much the same; however, the superstructure on this barge is approximately 160 feet long whereas the superstructure on each of the barges at Yagry Island is approximately 135 feet long.
7. Large float probably being utilized as a fitting-out platform.
8. Probable YR/APL (LOA approx 320'). This vessel has a stepped-down bow and stern and a unique rectangular superstructure, approximately 70 feet long and 25 feet wide, positioned just forward of amidship. A set of "goalpost" type kingposts is positioned over the rectangular superstructure. A similar vessel was observed at Admiralty Shipyard 194, Leningrad, USSR on [ ] (annotation 3, CIA/PIR-77012) moored alongside a vessel identical to the probable YR/APL at annotation 18, Figure 1 of this report (CIA/PIR-77036). For the last observation of this vessel at Gorkiy, see annotation 10, Figure 1, [ ]
9. Probable service barge (LOA approx 190'). This barge appears identical to the barge described at annotation 6 above.
10. Unidentified vessel (LOA approx 135'). See annotation 5, Figure 1, [ ]
11. Floating crane positioned along the port side of one of the "J" Class SSG at annotation 12.
12. Two "J" Class SSG (visible waterline length of each approx 280'). Imagery equating to 2 sets of blast deflectors, missile tube covers, relatively broad flat beams, very high freeboards, position and size of sail (on one of the two submarines) and overall shapes contributed to this evaluation. Submarine closest to launching basin is bow-out from quay and appears to have no sail. Submarine furthest from launching basin is bow-toward the quay and is a darker tone than the adjacent submarine. The vessels at annotations 9 - 12 are hidden from observation on the river by floating vertical screens. See annotation 8, Figure 1, [ ]

**TOP SECRET**

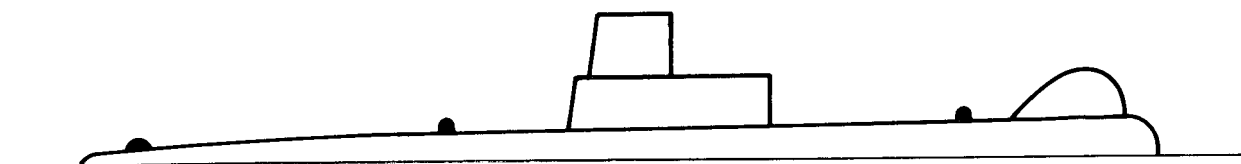
TOP SECRET

CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

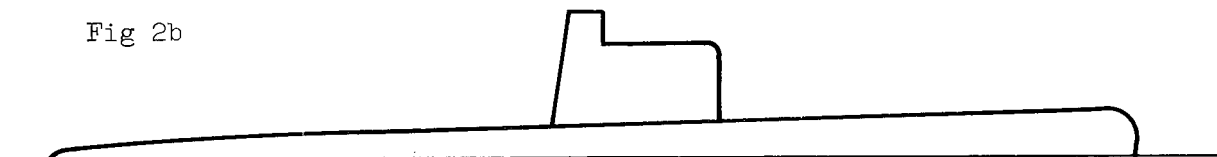
13. Probable barge (LOA approx 250')
14. Unidentified SS (visible waterline length approx 185').  
The length of this submarine equates to the "Q" Class SS; however, the bow of this submarine is fitted with a very large possible sonar installation; the sail appears to be approximately 10 feet longer and has a pronounced step in the forward edge. This submarine was probably in this same position on [redacted] but due to the angle of the taking camera was obscured from view by the vessel at annotation 13 above. See drawing below for an artist's conception of this submarine.

UNIDENTIFIED SUBMARINE



"Q" CLASS SUBMARINE

Fig 2b



15. Three POLNOCNY Class LSM is launching basin (LOA of each approx 240'). Identification is based on the hatch (approximately 50 feet in length) near the bow, imagery equating to athwartship probable rocket launchers positioned just forward of amidship, and the position and appearance of the superstructure aft.
16. Circular object (diameter approx 25'), on south end of small transverser. See annotation 1, Figure 1, [redacted] When viewed in stereo this object appears to be roughly 10 feet high.
17. Ten to fifteen circular objects having diameters ranging from 20 feet to 30 feet resting on their transverse axes.

TOP SECRET

TOP SECRET

CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

KEY TO FACILITY ANNOTATION ON FIGURE 2

- A. Possible quay in an early stage of construction (approx length 250').

- 8 -

TOP SECRET

TOP SECRET

Approved For Release 2003/05/14 : CIA-RDP78T000670010001000000

GORKIY, USSR  
56-22N 043-53E

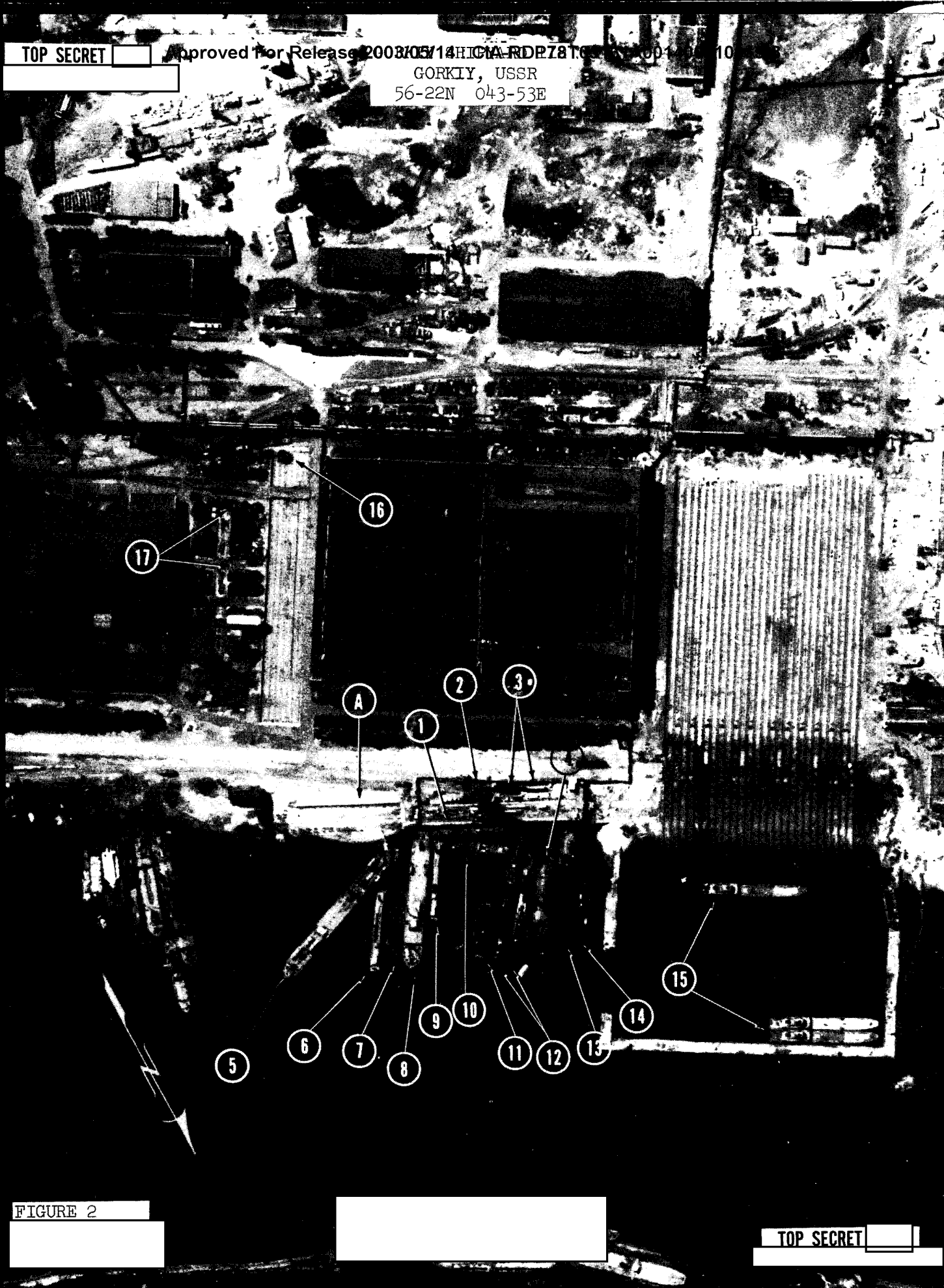


FIGURE 2

TOP SECRET

TOP SECRET

CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

SHIPYARD : GORKIY SHIPYARD 112  
LOCATION : GORKIY, USSR  
GEO COORDS: 56-22N 043-53E

## KEY TO VESSEL ANNOTATIONS ON FIGURE 3

1. Transporter dock under construction (LOA approx 450').  
This dock appears to be nearly completed. See annotation 2, Figure 2, [REDACTED]
2. Unidentified possible YR/APL under construction (LOA approx 330').  
This vessel has a large "box-like" superstructure extending from the bow aft approximately 260 feet. A large rectangular opening (approx 60' by 20') was noted in approximately the center of the superstructure. See annotation 1, Figure 2, [REDACTED]

## KEY TO FACILITY ANNOTATIONS ON FIGURE 3

- A. Construction continues on the large new probable construction hall (overall dimensions are approximately 1,330' by 430'). There is no evidence that the transverser is being extended to serve this building at this time. See annotation A, Figure 2, [REDACTED]
- B. The roof of the third bay of the new construction hall (515' by 135') is not yet complete. Completion of this roof appears to be proceeding at a very slow rate. The roof appears to be in the same state as on [REDACTED] except for a small roof section which has been added at each end of the bay. See annotation B, Figure 2, [REDACTED]

TOP SECRET

TOP SECRET

GORKLY SHIPYARD 112  
2003/05/14 : CIA-RDP78  
GORKLY, USSR  
56-22N 043-53E

A

B

C

D

FIGURE 3

A

se 2003/05/14 : CIA-RDP78T05

8 TOP SECRET

TOP SECRET

CIA/PIR-77036

CIA IMAGERY ANALYSIS DIVISION

REFERENCES

DOCUMENTS

CIA/PIR-77012, Admiralty Shipyard 194, Leningrad, USSR, [REDACTED]

TOP SECRET [REDACTED]

CIA/PIR-77029, Gorkiy Shipyard 112, Gorkiy, USSR, [REDACTED]

TOP SECRET [REDACTED]

CIA/PIR-67041, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED]

TOP SECRET [REDACTED]

REQUIREMENT

C-RR6-83,787

CIA/IAD PROJECT

30097-7

TOP SECRET

**TOP SECRET**

**TOP SECRET**